First I'll define "partial pipe dreams", which is somewhere between a permutation and a pipe dream for that permutation. To each such $D$ I'll associate a variety $Y_D \subseteq \text{Mat}_n$ that is correspondingly between a matrix Schubert variety and a coordinate subspace. Then the inductive theorem is that if we revlex the matrix variable at an "outer corner" $(i, j)$ of $D$, $Y_D$ degenerates to a union of various $Y_{D'}$ where the pipe dream part of $D'$ is that of $D$ plus one more tile at $(i, j)$. Then I'll talk about the projective dual statement, lexing partial bumpless pipe dreams. Time permitting, I'll talk about joint work in progress with P. Zinn-Justin interpolating between the ordinary and bumpless pictures.